

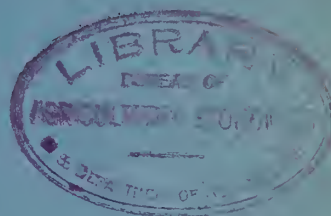
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UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
WASHINGTON, D. C.

1941

PRECIPITATION IN THE
MUSKINGUM RIVER BASIN
SEPTEMBER, 1940



By

Climatic and Physiographic Division
Soil Conservation Service

Muskingum Watershed Conservancy District

and

Works Projects Administration in Ohio

O. P. 65-2-42-282

Office of Research
March - 1941



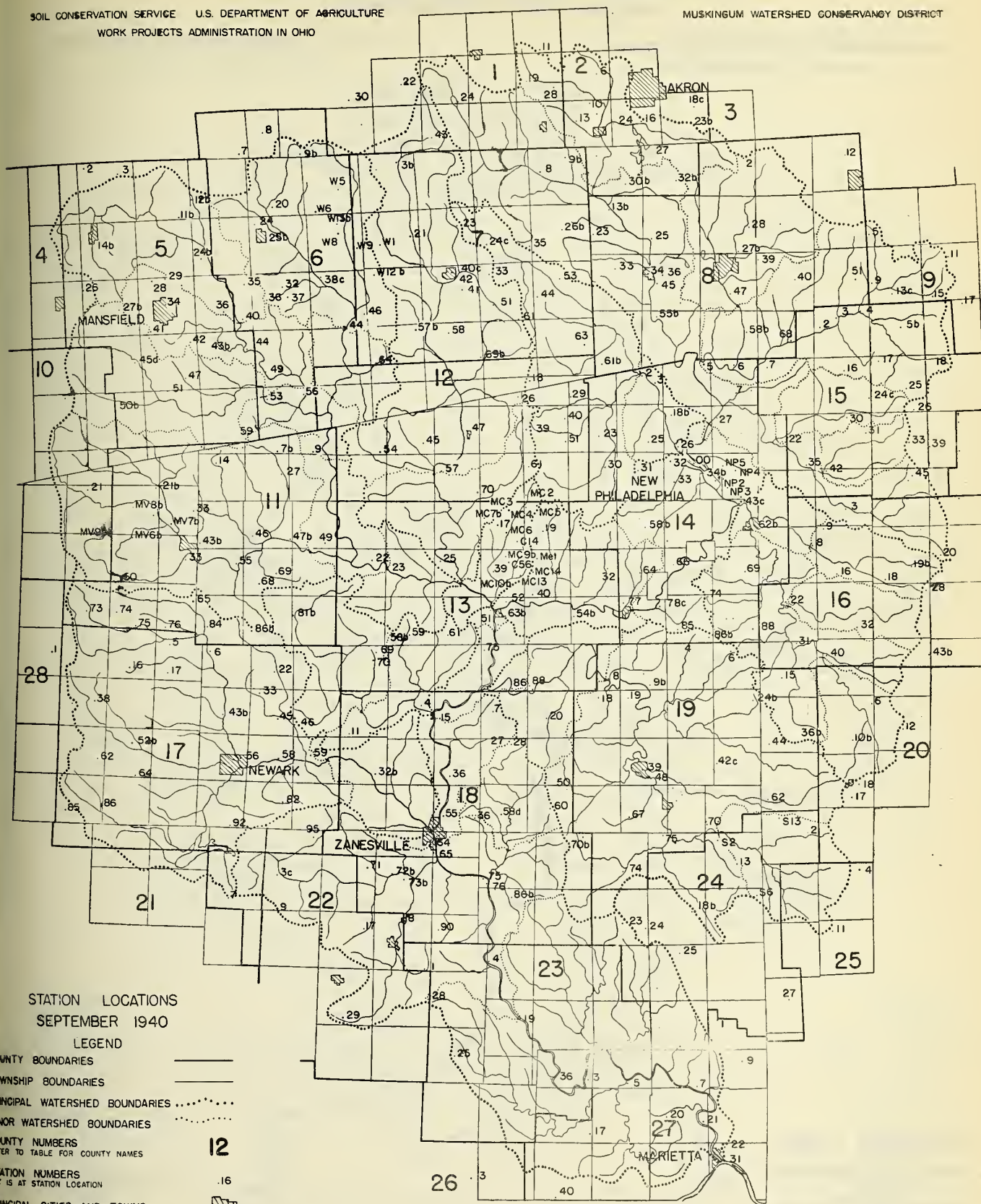
MUSKINGUM RIVER WATERSHED OHIO

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MUSKINGUM CLIMATIC RESEARCH CENTER

SOIL CONSERVATION SERVICE U.S. DEPARTMENT OF AGRICULTURE
WORK PROJECTS ADMINISTRATION IN OHIO

MUSKINGUM WATERSHED CONSERVANCY DISTRICT



STATION LOCATIONS

SEPTEMBER 1940

LEGEND

COUNTY BOUNDARIES

TOWNSHIP BOUNDARIES

PRINCIPAL WATERSHED BOUNDARIES

MINOR WATERSHED BOUNDARIES

COUNTY NUMBERS

REFER TO TABLE FOR COUNTY NAMES

STATION NUMBERS

DOT IS AT STATION LOCATION

PRINCIPAL CITIES AND TOWNS

Scale in Miles
0 5 10 15 20

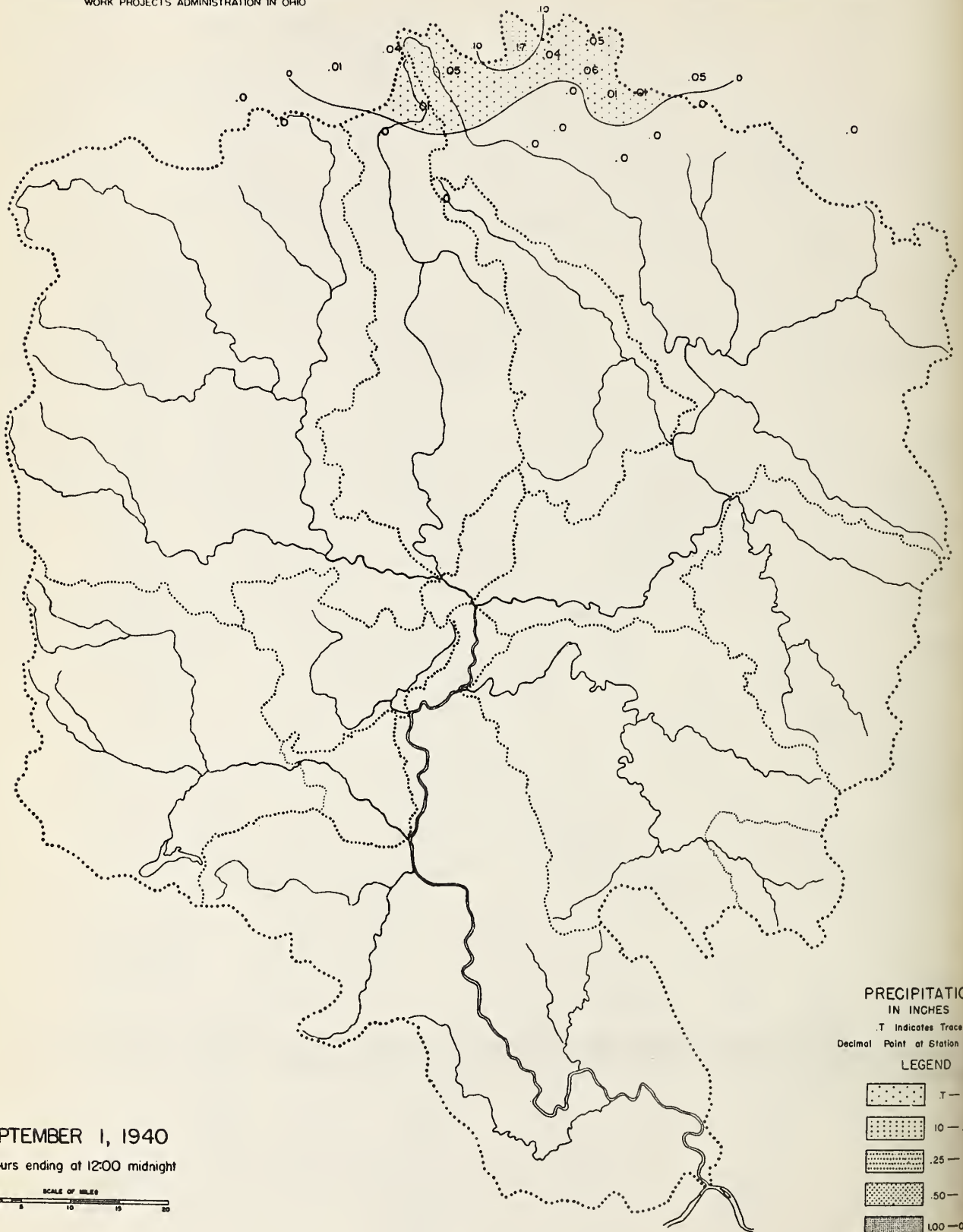
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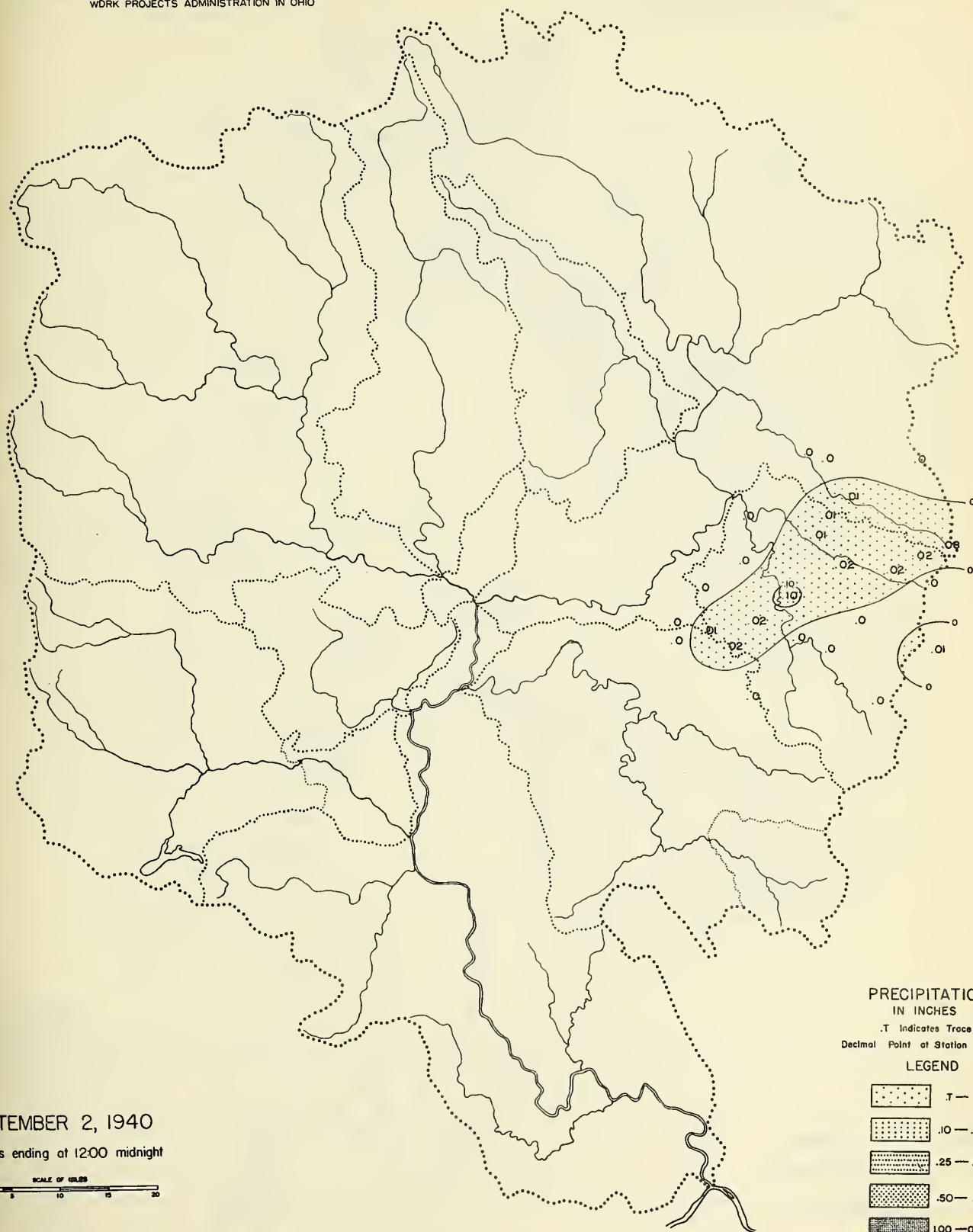
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WORK PROJECTS ADMINISTRATION IN OHIO

MUSKINGUM WATERSHED CONSERVANCY DISTRICT



SEPTEMBER 2, 1940

24 hours ending at 12:00 midnight

MUSKINGUM RIVER WATERSHED OHIO

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MUSKINGUM WATERSHED CONSERVANCY DISTRICT

WORK PROJECTS ADMINISTRATION IN OHIO



MUSKINGUM RIVER WATERSHED OHIO

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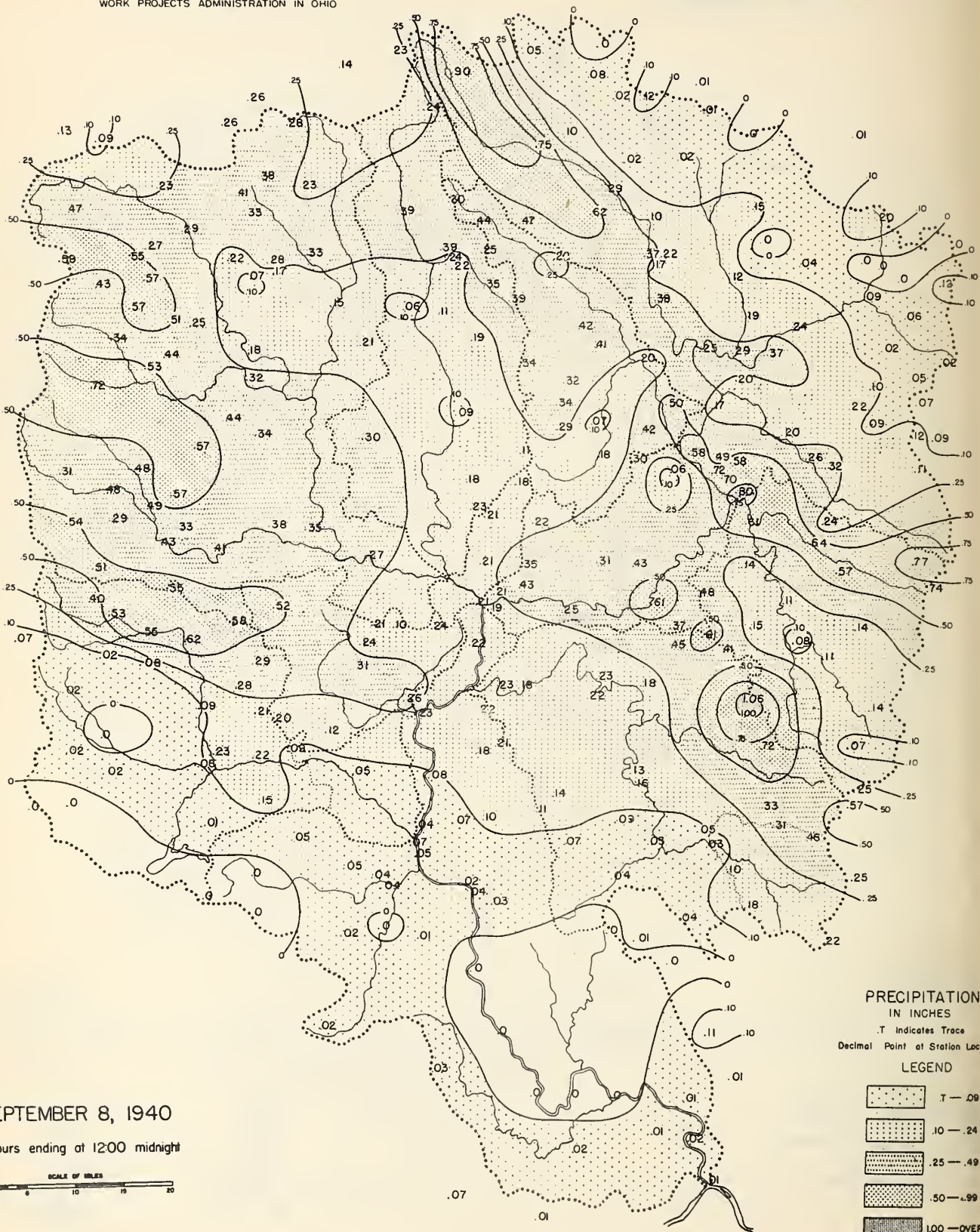
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WORK PROJECTS ADMINISTRATION IN OHIO

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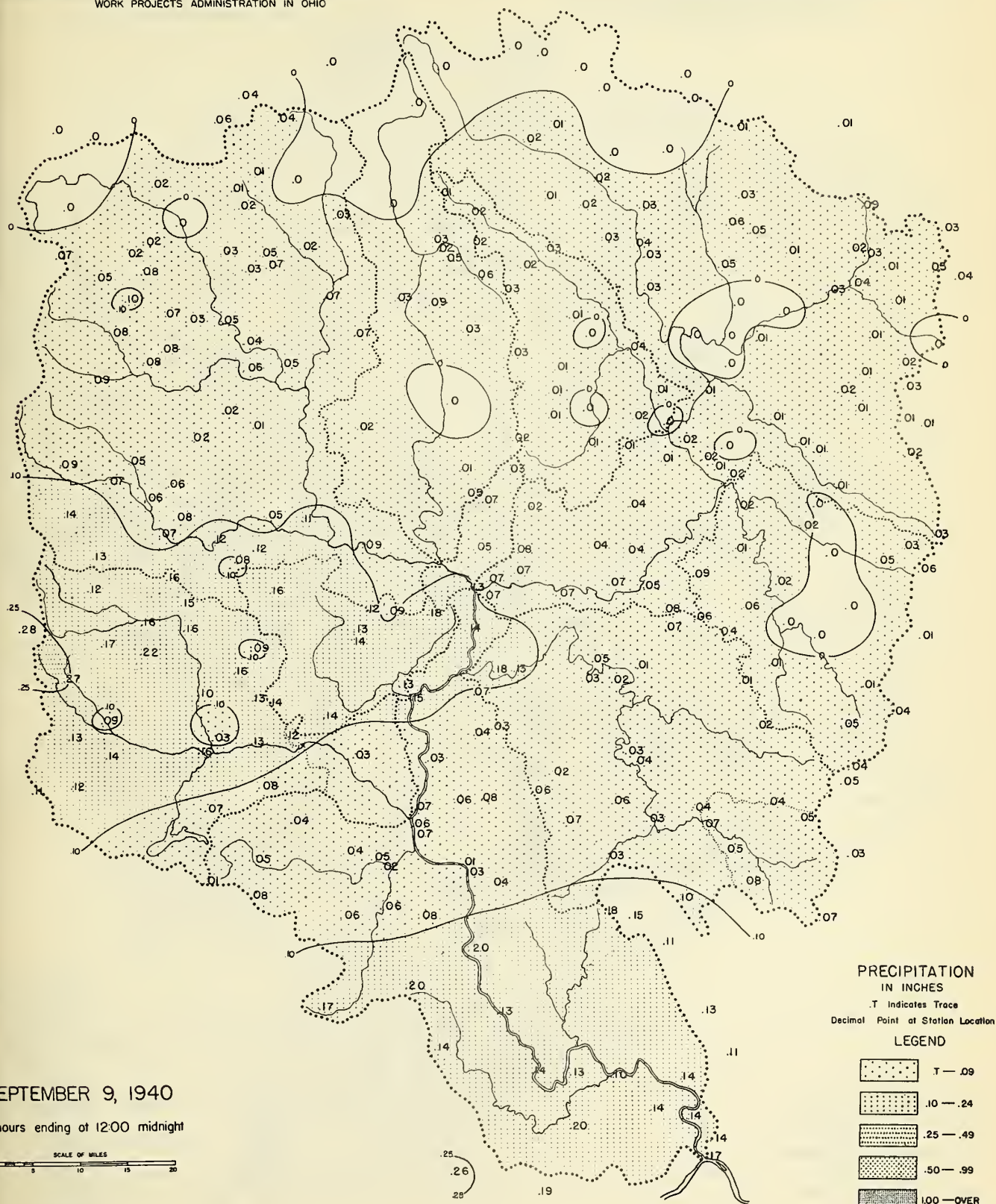
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MUSKINGUM WATERSHED CONSERVANCY DISTRICT

WORK PROJECTS ADMINISTRATION IN OHIO



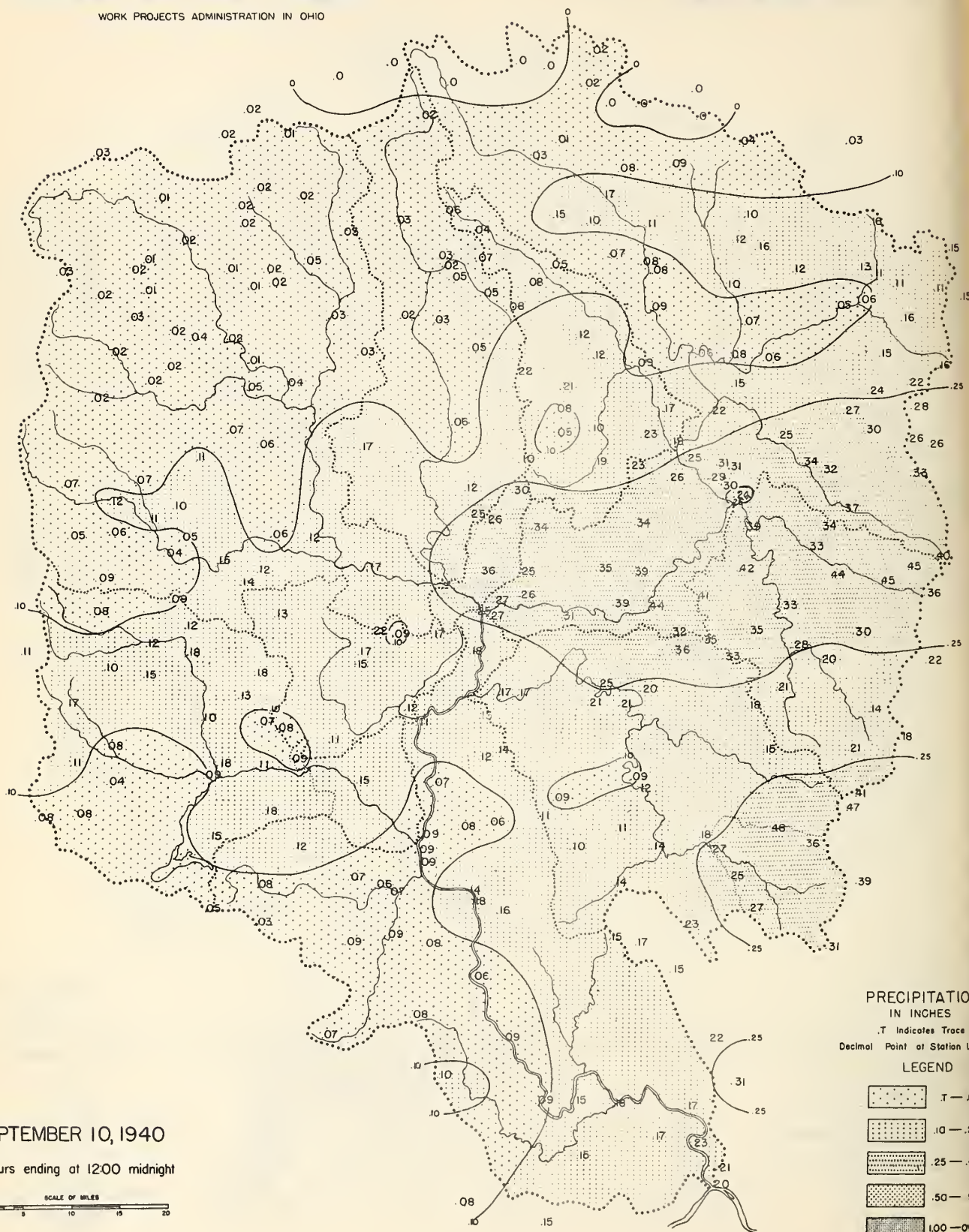
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WORK PROJECTS ADMINISTRATION IN OHIO

MUSKINGUM WATERSHED CONSERVANCY DISTRICT



SEPTEMBER 10, 1940

24 hours ending at 1200 midnight

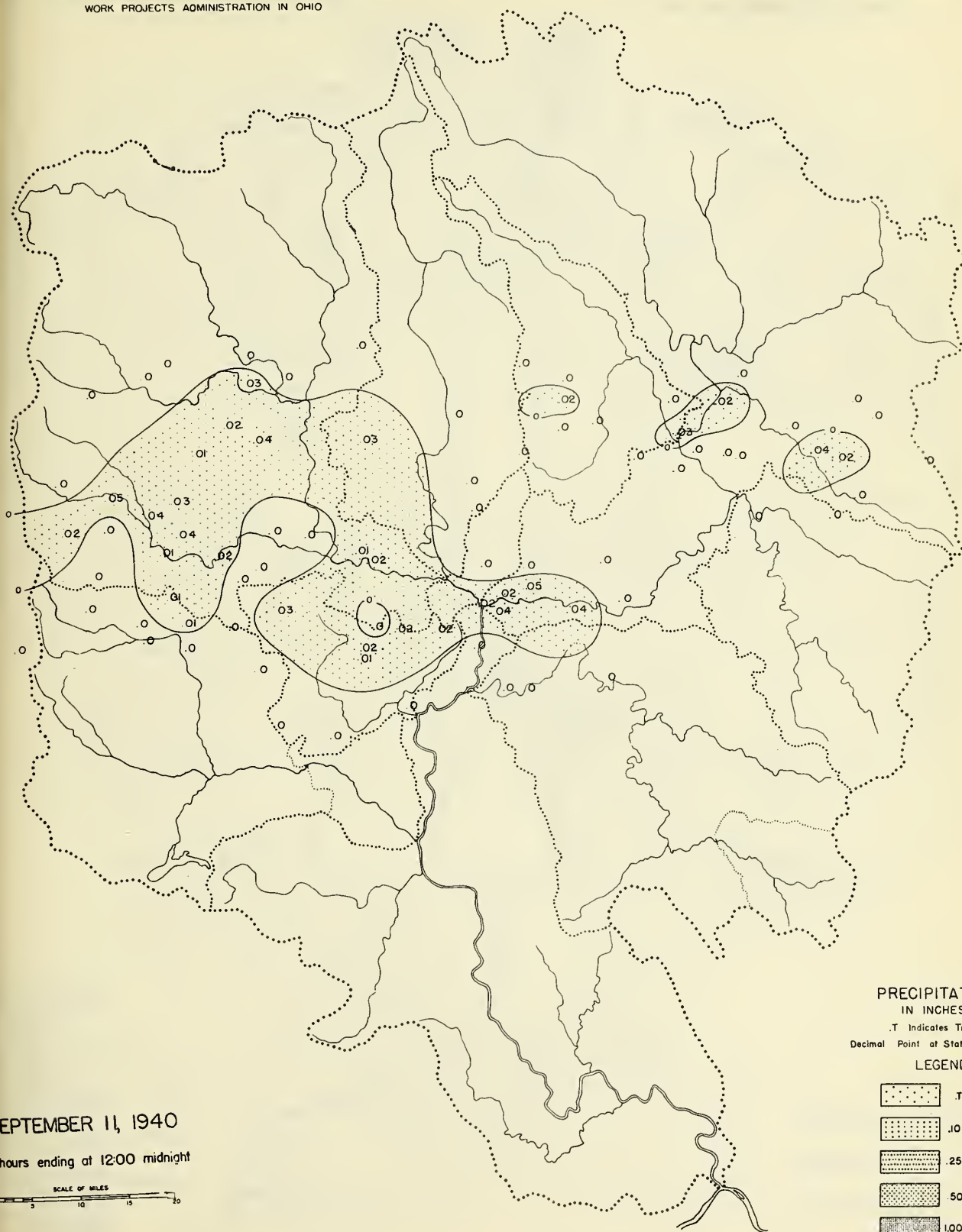
MUSKINGUM RIVER WATERSHED OHIO

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WORK PROJECTS ADMINISTRATION IN OHIO

MUSKINGUM WATERSHED CONSERVANCY DISTRICT



PRECIPITATION IN INCHES

.T Indicates Trace

Decimal Point at Station Location

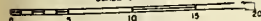
LEGEND

	.T — .09
	.10 — .24
	.25 — .49
	.50 — .99
	1.00 — OVER

SEPTEMBER 11, 1940

24 hours ending at 12:00 midnight

SCALE OF MILES



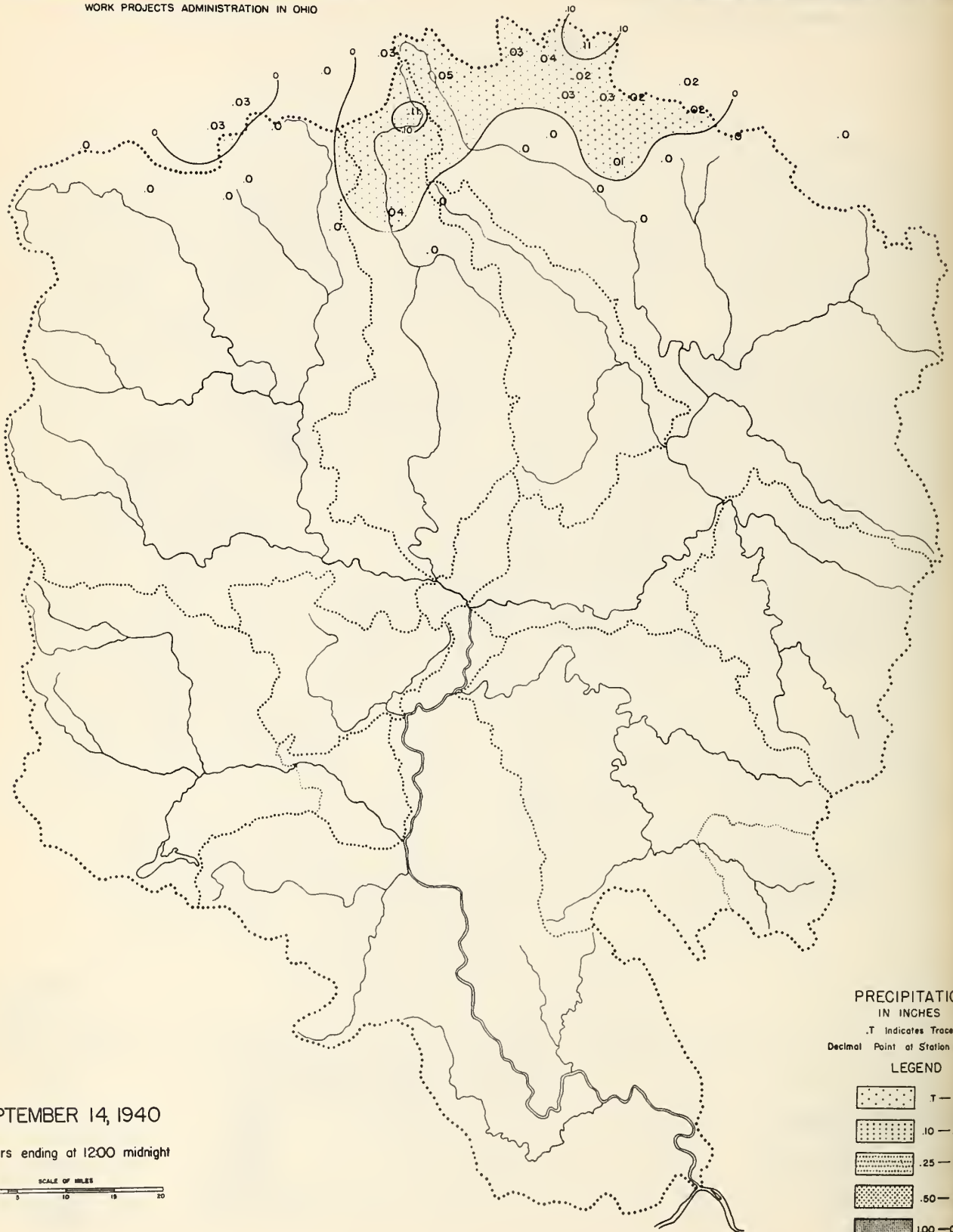
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MUSKINGUM CLIMATIC RESEARCH CENTER

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SOIL CONSERVATION SERVICE U.S. DEPARTMENT OF AGRICULTURE
WORK PROJECTS ADMINISTRATION IN OHIO

MUSKINGUM WATERSHED CONSERVANCY DISTRICT



SEPTEMBER 14, 1940

24 hours ending at 1200 midnight

SCALE OF MILES
0 5 10 15 20

MUSKINGUM RIVER WATERSHED OHIO

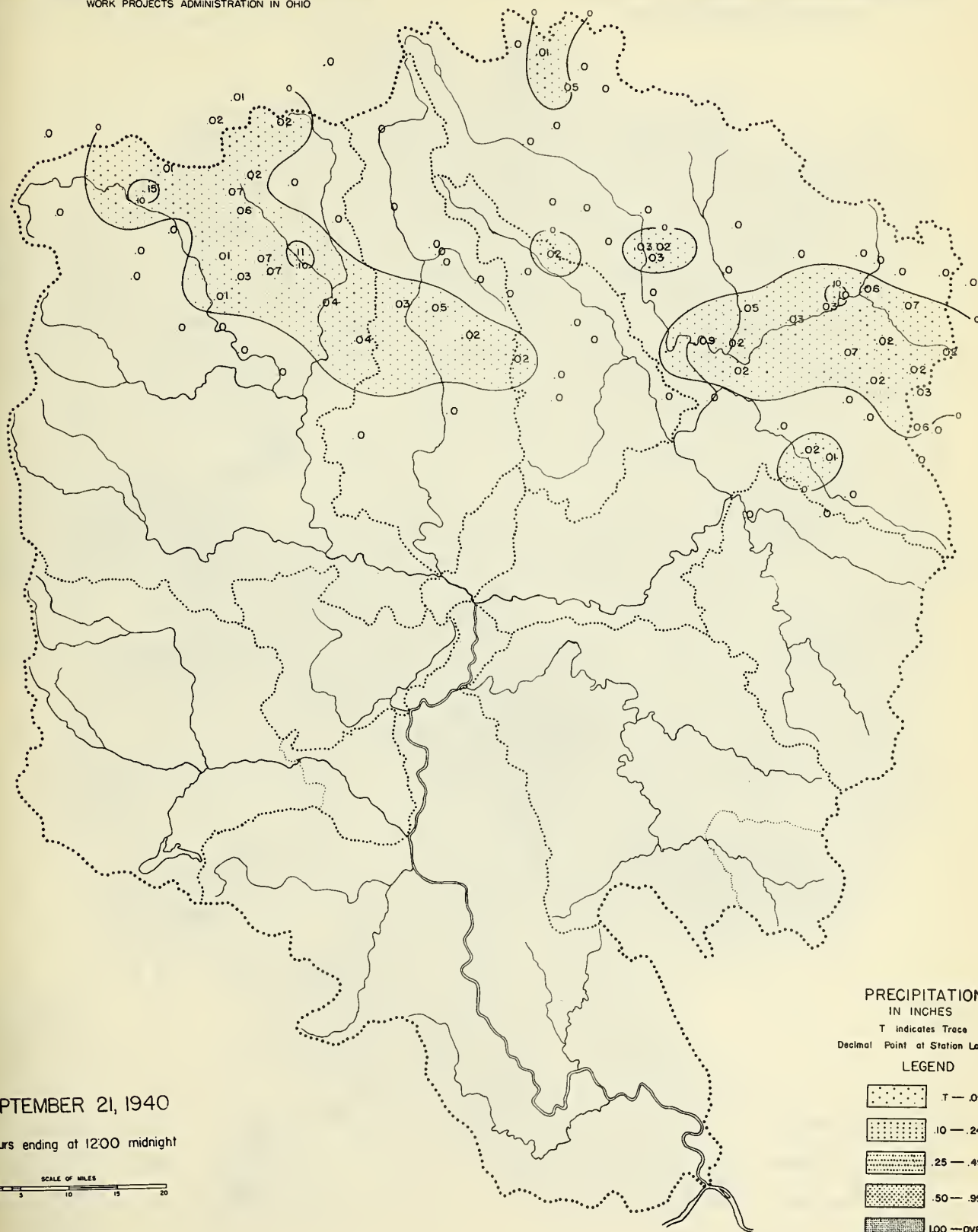
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MUSKINGUM WATERSHED CONSERVANCY DISTRICT

WORK PROJECTS ADMINISTRATION IN OHIO



MUSKINGUM RIVER WATERSHED OHIO

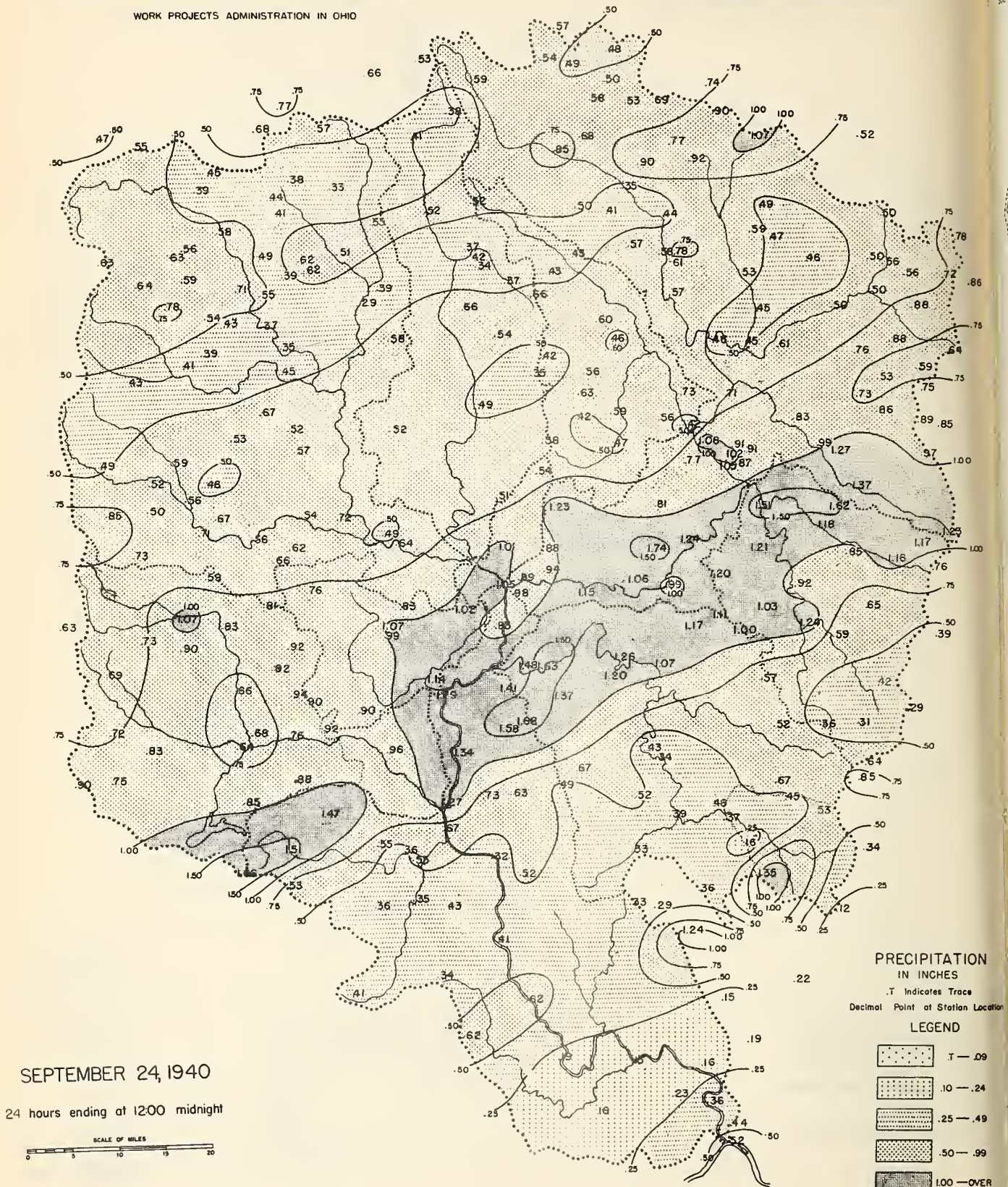
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MUSKINGUM WATERSHED CONSERVANCY DISTRICT

WORK PROJECTS ADMINISTRATION IN OHIO



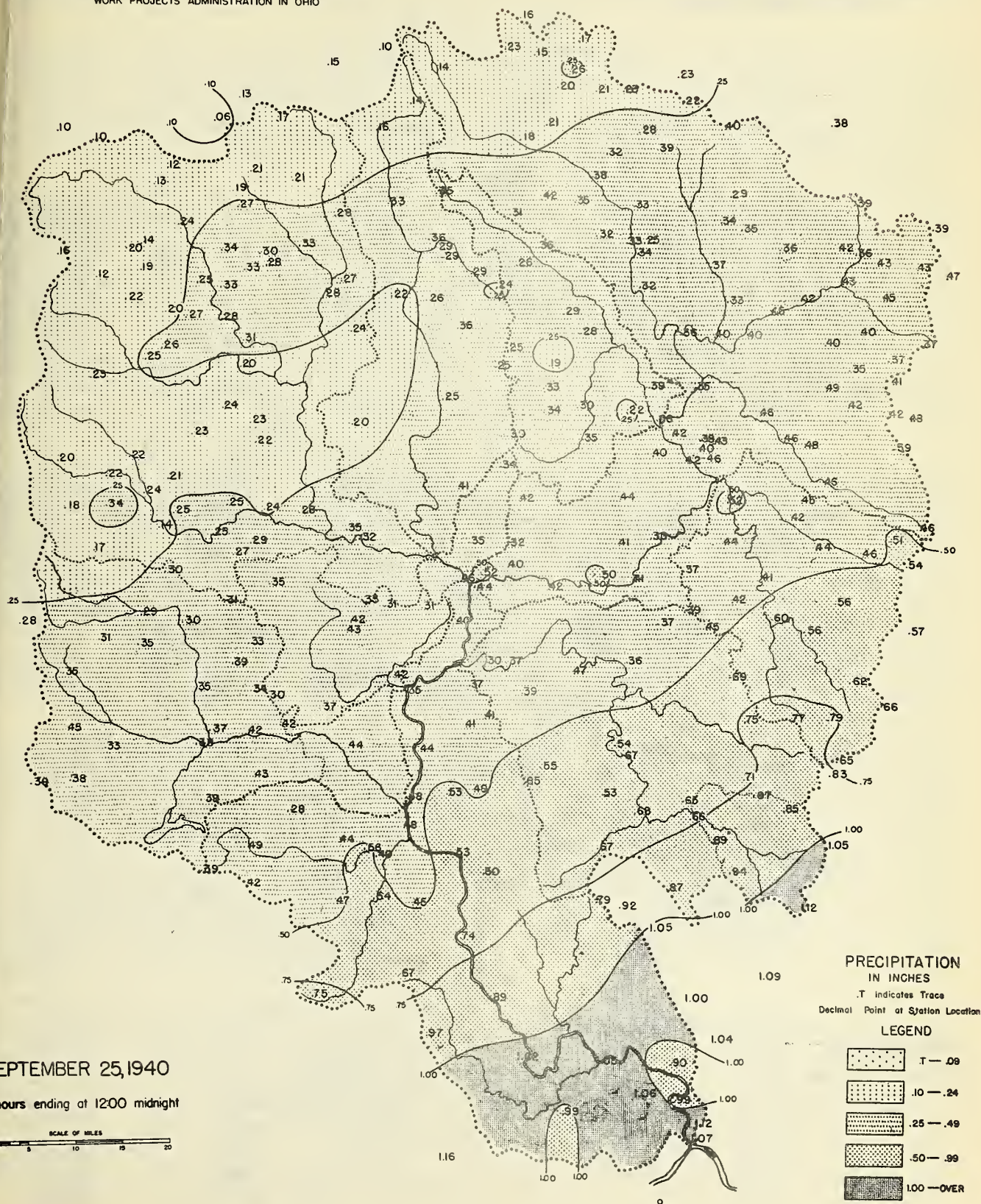
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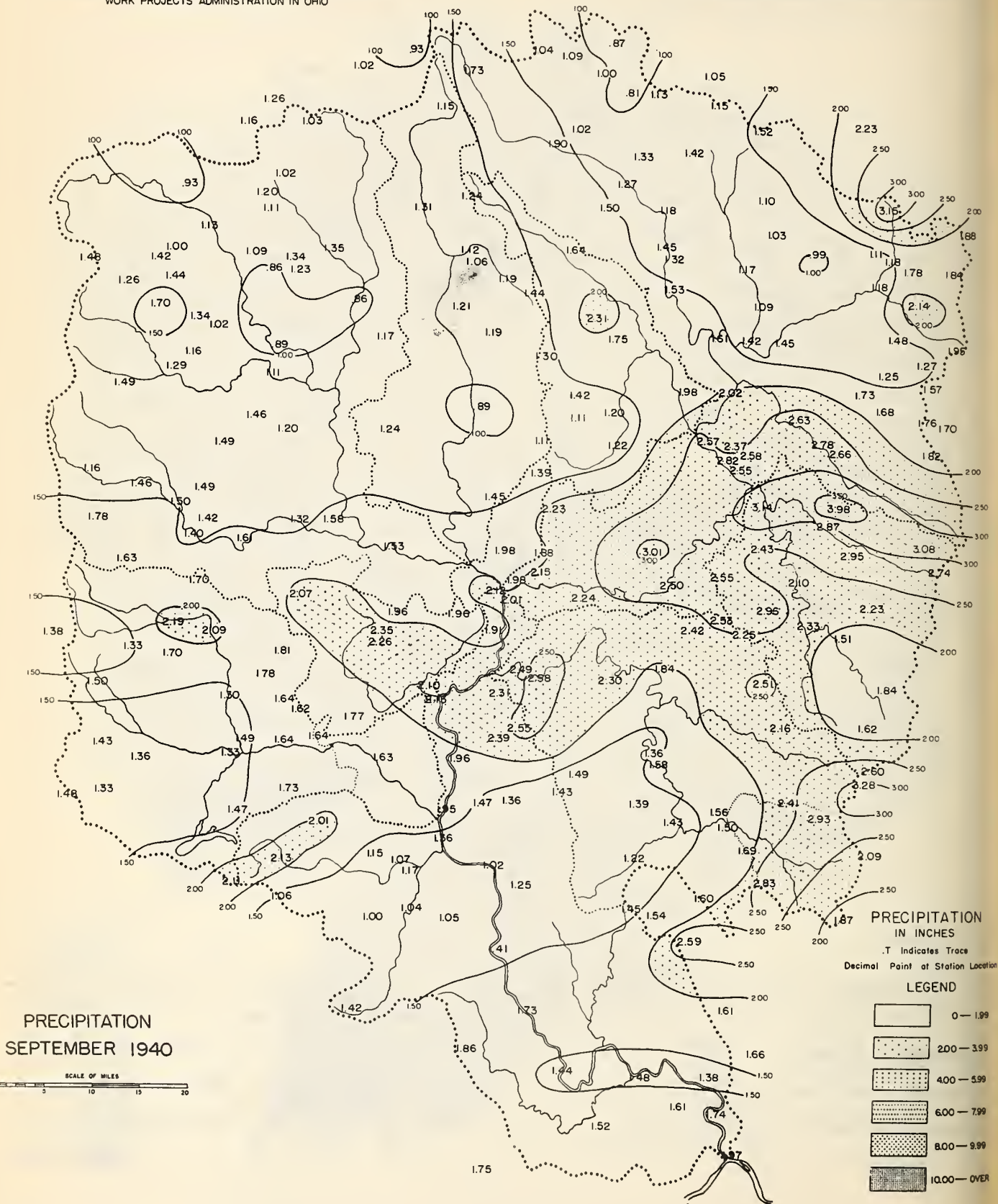
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WORK PROJECTS ADMINISTRATION IN OHIO

MUSKINGUM WATERSHED CONSERVANCY DISTRICT



MUSKINGUM WATERSHED

MONTHLY SUMMARY OF PRECIPITATION FOR SEPTEMBER, 1940 BY DAYS ENDING AT 1200 MIDNIGHT

Page 15

NO NAME 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 TOTALS

DATE

MEDINA COUNTY NO 1

11	Pruncutz, Eli	NR	NR				NR	NR	NR	NR	NR										NR			57	16					
19	Duff, June	17			02			05					03											54	23					104
22	Clinesmith, Lloyd	04						23					03											53	10					93
24b	Ritter, Mrs. Katherine	05						90					05											59	14					173
28	Everhard, Carol	04			01			35					04								01			49	15					109
30	Stroup, Roy	01					06	14															66	15					102	
43	Allen, Harvey L.	01					25	24		02			11										38	14					115	

SUMMIT COUNTY NO 2

6	Bashma, David	05			04					02			11										48	17						87
10	Stump, Robert W.	06			05			08		02			02								05		50	26						100
13	Fitzpatrick, E. J.				02			NR		NR			03										58	20						
16	Ley, Theodore	01			08			12			NR		02										67	23						113
18b	Staffee, George H.	05						01					02										74	23						105
23b	Fitzpatrick, E. J.							01					02										90	22						115
24	Claus, Leo	01			01			02					03										53	21						81
27	Haring, William						NR	NR	NR	NR	NR											77	28							
30b	Rennie, Arthur R.				03			02		08			01										90	32						136
32b	King, John							02		09													92	39						142

RICHLAND COUNTY NO 5

2	Post, Fred E.							13		NR													47	10						
3	Bockenst, Ira E.							09		03											NR		55	10						
11b	Springer, Edas							23	02	01												15	39	13						93
12	Workman, H.W.							NR	NR	NR											01		45	12						
14b	Cooper, Clyde							47			NR												NR	NR						
24b	Groff, W.N.							29		02													58	24						113
26	Walker, Robert							59	07	03													63	16						148
27b	Gages, Paul							43	05	02													64	12						126
28	Wagner, Mrs. Fred							55	02	02													63	20						142
29	Harrington, J. R.							27	02	01													56	14						100
34	McMillen, J. W.							57	08	01													59	19						144
36	Culler, Francis R.						NR	NR	NR	NR											NR		71	25						
41	Finnay, Ross							57	10	03													78	22						170
42	Smith, N.E.							51	07	02													54	20						134
43b	Stewart, Harvey							25	03	04													43	27						102
44	Ohio Public Service							NR	05	02				NR									37	28						
45d	Lape, Charles							34	08	02													NR	NR						
47	Long, Walter							41	08	02													39	26						116
50b	Parsons, Oscar							72	09	02													43	23						149
51	Hope, Irvin							53	08	02													41	25						129
59	Holler, Wayne B.							44	02	07	02												67	24						146

ASHLAND COUNTY NO 6

7	Landis, Robert							03	26	06	02										02		68	06						116
8	Newcomer, Charles							26	04	02				03							01		77	13						126
9b	Cooke, Fred							28	04	01											02		51	17						103
20	Roland, Ed							38	01	02											02		38	21						102
24	Shuey, Walter							47	01	02											07		44	19						120
25b	Gummings, W. D.							33	02	02											06		41	27						111
32	Goard, H.E.							28	05	02											07		62	30						134
35	Seiss, Howard G.							22	03	01											01		48	34						109
36	Beck, Lewis D.							07	03	01											03		39	33						86
37	Bishop, William J.							17	07	02											07		62	28						123
38c	Bowie, Walter D.							33	02	05											11		51	33						135
40	Secrest, Ellsworth					NR		NR	NR	NR	NR			NR							01		55	33						
44	McKinley, Arthur							15	07	03											04		29	28						86
49	Easterday, Mrs. Mary							18	04	01													35	31						89
53	McBride, L. A.							32	06	05		03											45	20						111
56	Runling, George A.							NR	NR	04		NR											NR	NR						
W 1	Swanson, I.O.							07	19	04	02												50	26						109
W 5	Kline, J.W.					NR		NR	NR	NR	NR											NR	NR	NR	NR					
W 6	Hootman, D.D.							08	23	02													33	21						
W 8	Campbell, Fay							06	19	02	02												35	22						86
W 9	Purdy, W.L.							NR	NR	03	03												55	28						
W 12b	Arnold, John							24	15	01	06												36	36						118
W 13b	Campbell, Fay							06	25	01	02												59	43						136

WAYNE COUNTY NO 7

3b	Miller, Milton E.								NR	NR	NR	NR												41	16						
8	Snyder, Frank					04			03	75	02	03												85	18						190
9b	Bachman, James					01				10	01	01												68	21						102
21	Harman, Glenn B.									39		03											04	52	33						131
23	McGinnock, Carl O.									30	01	06												52	35						124
24c	Harzler, Paul J.									44	02	04											NR	NR	NR						
26b	Galehouse, D. W.								NR	NR	01	15											NR	50	42						
33	Metzler, Walter H.									15	25	02	07										NR	NR	NR						
35	Malcut, Russell									17	47	NR	NR										NR	NR	31						
40c	Metzler, Walter H.									14	39	03	03										NR	37	36						
41	McClure, J. T.									11	22	05	05											34	29						106
42	Dilucca, James									13	24	02	02											42	29						112
44	Gerber, Menna									NR	NR	02	08											43	26						
46	Haffelfinger, Mrs. Clair									NR	NR	NR	NR										NR	NR	39	27					
51	Fox, Albert P.									07	35	06	05										NR	37	29						119
53	Locke, W. E.									53	22	03	09										02	43	36						164
57b	Sidler, Culver E.									02	06	03	02										03	NR	22						
58	Mellinger, M. D.									01	11	09	03										05	66	26						121
61	Welfys Wayne									04	39	03	08											66	24						
63	Parosette, Emil									87	42	01	12											60	29						231
64	Bruce, A. A.									21	07	03											04	58	24						117
69b	Ober, Jean									19	03	05											02	54	36						119

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MUSKINGUM WATERSHED

MONTHLY SUMMARY OF PRECIPITATION FOR SEPTEMBER, 1940 BY DAYS ENDING AT 12:00 MIDNIGHT

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NO.	NAME	DATE																														TOTALS
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
		TUSCARAWAS COUNTY NO.14 (Continued)																														
64	Simmerman, J.F.									43	04	39													174	41						301
66	Taylor, George							NR	NR	NR	NR														124	38						
69	Mellor, Harry M.							21	14	01	42														121	44						243
74	Orr, Thomas									48	09	41													120	37						255
77	Cutshall, Charles							NR	NR	07	39														106	50						
78c	Caruthers, Donald A.									61	05	44													99	41						250
85	Taylor, George									37	08	32													NR	NR						
86	Taylor, Arthur J.		01							61	06	35													111	39						253
88	Jacoby, Paul J.		02							93	15	06	35												103	42						296
NP 2	Garber, Clovis									NR	NR	NR	NR	NR											102	40						
NP 3	Schofer, Mrs. Charles									21	70	01	30													87	46					255
NP 4	Graig, Bud									35	58	31														91	43					258
NP 5	Messner, Mrs. John									27	49	01	31													91	38					237

CARROLL COUNTY NO.15

2	Wilcox, Allie Mae									NR	NR	NR												03		50	42					
3	Winterhalter, George									NR	03	05												10		NR	NR					
4	Scott, Edwin									09	04	06												06		50	43					116
5b	Saltsman, G. E.								51	06	01	16												07		68	45					214
7	Wanner, Karl									37	01	06														61	40					145
16	Gaffey, Woodrow									NR	NR	NR	NR																			
16	Steele, Norman									NR	NR	NR	NR											07		76	40					
17	Snively, Robert									02	01	15												02		88	40					148
18	Hosack, L. L.								74	02		16												02		64	37					195
24c	McLaughlin, K.W.									10	01	24												02		53	35					125
25	Moyer, Lonnie									05	02	22												02		59	37					127
26	Tack, Victor E.									07	03	28												03		75	41					157
30	Long, Thomas									22	02	27														73	49					173
31	Brackin, Samuel H.									09	01	30														66	42					168
33	Smith, R. H.									12	01	26												06		89	42					176
35	Carroll, Cleo								66	26	01	34		04										02		99	46					278
39	Noble, Charles									01	09	01	26													85	48					170
42	Leggett, Paul T.								23	32	01	32	02												01		127	48				266
45	Slates, Henry									11	02	33														97	39					182

HARRISON COUNTY NO.16

3	Fierbaugh, Robert		01						44	NR	01	37														137	46					
8	Engel, Leonard		01						27	64	02	33														118	42					287
9	Naylor, Frank M.								132	24		34														162	45					398
16	McElroy, F. A.		02						69	51		44														85	44					295
18	Beck, Arthur S.		02						NR	NR	05	45														116	46					
19b	Thompson, Leo		02						13	77	03	45														117	51					308
20	Baker, Dean B.		08						NR	NR	03	40														123	46					
22	Dezman, Fred		10						21	11	02	33														92	41					210
28	Casano, W. M.								28	74	06	36														76	54					274
31	Black, Glen E.								13	08		28														124	60					233
32	Talbott, Melvin E.								58	14		30														65	56					223
40	Yornell, R. A.								05	11		20														59	56					151
43b	Work, Leroy		01						NR	NR	01	22														39	57					

LICKING COUNTY NO.17

5	Wagner, Fred								55	16	12															107	29					219
6	Leach, Mary								62	16	18															81	30					202
16	Miles, John								02	17	10															73	31					133
17	Kackley, Harry								08	22	15															90	35					170
22	Priest, Everett								29	09	18															92	33					181
33	Stickley, W. M.								28	16	13															82	39					178
39	Hilli, I. R.								02	27	17															69	35					150
43b	Snyder, Charles								09	10	10															66	35					130
45	Davis, Frank								21	13	07															94	34					169
46	Wright, David A.								20	14	08															90	30					162
52b	Huffman, Ervin W.									09	08															NR	NR					
56	Wilson, Harold F.								23	03	18															68	37					149
58	Weiant, Carl A. Jr.								22	13	11															76	42					164
59	O'Flaherty, Russell								09	12	09															92	42					164
62	Whitehead, Frank								02	13	11															72	45					143
64	Elder, Claude								02	14	04															83	33					136
67	Holton, L. B.								06	16	09															64	38					133
82	Parr, Harry F.							01	15	08	18															88	43					173
85	Jones, G. N.									11	08															90	39					148
86b	Johnson, Murry N.									12	08															75	38					133
92	Balog, W. L.								01	07	15															85	39					147
95	Hamilton, R. M.								05	05	04	12														147	28					201

MUSKINGUM WATERSHED

MONTHLY SUMMARY OF PRECIPITATION FOR SEPTEMBER, 1940 BY DAYS ENDING AT 12:00 MIDNIGHT

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NO.	NAME	DATE																														TOTALS
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
		GUERNSEY COUNTY NO 19 (Continued)																														
24b	George, Iro								106	01	18														57	69						251
39	Abbolt, Gail								14	13	03	09													43	54						136
42c	Baker, Joe								T																							
44	Vonfossen, W M								72	02	15														52	75						216
48	Harding, L N								25	16	04	12																				158
62	St Clair, Harold								51	33	NR	NR													34	67						
67	Stamm, J. C.								08	09	06	11													52	53						139
70	LeFever, I. A.								16	05	04	18													48	65						156
74	Koontz, H. A.								01	04	03	14													33	67						122
75	Deseran, Frank								16	03	03	14													39	68						143

BELMONT COUNTY NO 20

6	Bethel, Durwood								51	14	01	14													42	62							184
10b	Newhart, Lester R.								19	07	05	21													31	79							162
12	Brooks, W. L.								NR	NR	04	18													29	66							
17	Price, W. M.								51	57	05	47													85	83							328
18	Thomas, Byron G.								61	25	04	41													64	65							260

PERRY COUNTY NO 22

3c	Hamilton, M. H.									05	08														151	49							213
7	Cooperider, Iro F.									01	05														166	39							211
9	Colterman, C. F.									08	03														53	42							106
17	Hommer, Albert J.								02	06	09														36	47							100
18	Wilson, Manson H.									06	09														35	54							104
28	Price, E. I.									NR	20	08													34	67							
29	Storner, Samuel P.								02	17	07														41	75							142

MORGAN COUNTY NO 23

1	Brooks, J. H.																																
4	Wilson, H. C.									20	06														41	74							141
19	Hypp, Clifford S.									13	09														62	69							173
25	Grimes, Byron								03	14	10														62	97							186
36	Brookover, Reed									14	09														19	102							144

NOBLE COUNTY NO 24

2	English, L. C.								68	46	05	36													53	85							293
13	Oliver, Guy								24	10	05	25													16	89							169
18	Musser, Carlos									04	10	23													36	87							160
23	Hedge, L. E.										18	15													33	79							145
24	Baker, Ira								01	15	17														29	92							154
25	Morris, H. V.										11	15													124	105							255

MONROE COUNTY NO 25

4	Adair, V. R.								03	25	03	39													34	105							209
11	Gedbow, Joseph M.								03	22	07	31													12	112							137
2	Hendles, E. B.								10	03	07	27													37	66							150
6	Spence, W. B.								01	18	08	27													135	94							283
13	Low, James H.								26	31	04	48													45	87							241

ATHENS COUNTY NO 26

3	Linscott, Elzo								07	26	08														18	116							175
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WASHINGTON COUNTY NO 27

1	Langfellow, Harry								11	13	22														15	100							161
3	Robinson, L. L.									13	15														NR	NR							
5	Stutes, A. P.									10	18														15	105							148
7	Kinas, Albro A.								01	14	17														16	90							138
9	Reiter, Charles								01	11	31														19	104							166
17	Murdock, J. D.								02	20	15														16	99							152
20	Long, J. E.								01	14	17														23	106							161
21	Savage, Dan C.								02	14	23														36	99							174
22	Ullman, Wotlo								NR	NR	14	21													44	112							
31	Rankin, O. B.								01	17	20														52	107							197
40	Oewel, James								01	19	15														NR	NR							

DELAWARE COUNTY NO 28

1	Lane, George								01	07	28	11													63	28							138
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STATION INSTALLED DURING SEPTEMBER, 1940

19-36b	Chancy, James																								36	77							
24-27	Oliver, Elmer																								22	109							

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